



jc784 U.S. PTO

Please type a plus sign (+) inside this box [+]

91-8-9

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY PATENT APPLICATION TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

**Attorney Docket No.** 42390.P13874  
(maximum 12 characters)

**First Named Inventor** Howard S. David

**Title:** SEGMENTED DISTRIBUTED MEMORY MODULE CACHE

**Express Mail Label No. EL821772404US**

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, D. C. 20231

## APPLICATION ELEMENTS

**See MPEP chapter 600 concerning utility patent application contents.**

1.  **Fee Transmittal Form (e.g., PTO/SB/17)**  
(Submit an original, and a duplicate for fee processing)

2.  **Applicant Claims Small Entity Status. (37 CFR 1.27)**

3.  **Specification (Total Pages 22)**  
(preferred arrangement set forth below)

- Cover page
- Descriptive Title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  **Drawings(s) (35 USC 113) (Total Sheets 5)**

5.  **Oath or Declaration (Total Pages 5)**

- a.  Newly Executed (Original or Copy)
- b.  Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 18 completed)
  - i.  **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- c.  Unsigned.

6.  **Application Data Sheet. (37 CFR 1.76)**

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a.  Computer Readable Form (CRF)
- b.  Specification Sequence Listing on:
  - i.  CD-ROM or CD-R (2 copies); or
  - ii.  paper
- c.  Statement verifying identity of above copies

2/15/01

- 1 -

ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & documents(s))  
10.  a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)  
 b. Power of Attorney  
11.  English Translation Document (if applicable)  
12.  a. Information Disclosure Statement (IDS)/PTO-1449  
 b. Copies of IDS Citations  
13.  Preliminary Amendment  
14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)  
16.  Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  
17.  Other: \_\_\_\_\_

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation  Divisional  Continuation-in-part (CIP)  
Of Prior Application No.: \_\_\_\_\_ Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_  
(which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_,  
which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.  
For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that \_\_\_\_\_ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. \_\_\_\_\_ Frame No. \_\_\_\_\_ (or a copy of which is attached).

19. Correspondence Address

Customer Number or Bar Code Label 008791  
or (Insert Customer No. or Attach Bar Code Label here)  
 Correspondence Address Below

NAME Michael J. Mallie

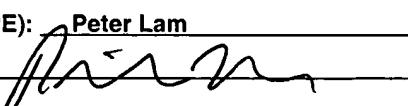
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Name (PRINT/TYPE): Peter Lam Registration No.: 44,855  
Signature:  Date: December 31, 2001

## **FEE TRANSMITTAL FOR FY 2002**

**TOTAL AMOUNT OF PAYMENT (\$)** \$740.00

**Complete if Known:**

**Application No.** Unassigned

**Filing Date** Unassigned

**First Named Inventor** Howard S. David

Group Art Unit      Unassigned

Examiner Name Unassigned

Attorney Docket No. 42390.P13874

**METHOD OF PAYMENT (check one)**

1. [ X ] The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

**Deposit Account Number** 02-2666  
**Deposit Account Name** \_\_\_\_\_

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

**Applicant claims small entity status. See 37 CFR 1.27**

2.  Payment Enclosed:  Check  
  Money Order  
  Other

## **FEE CALCULATION**

**1. BASIC FILING FEE**

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	Fee		
Code	(\$)	Code	(\$)		
101	740	201	370	Utility application filing fee	740.00
106	330	206	165	Design application filing fee	0
107	510	207	255	Plant filing fee	0
108	740	208	370	Reissue filing fee	0
114	160	214	80	Provisional application filing fee	0

**SUBTOTAL (1) \$ 740.00**

**2. EXTRA CLAIM FEES**

<b>2. EXTRA CLAIM FEES</b>		<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
<b>Total Claims</b>	<u>15</u>	<b>- 20** =</b> _____	X	<u>18.00</u> = _____
<b>Independent Claims</b>	<u>3</u>	<b>- 3** =</b> _____	X	<u>84.00</u> = _____
<b>Multiple Dependent</b>				-

\*\*Or number previously paid, if greater: For Reissues, see below

Fee number previously paid, if greater, for Reissues, see below.				
<u>Large Entity</u>		<u>Small Entity</u>		
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	<u>Fee Description</u>
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$ 00**

**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	Fee
Code	(\$)	Code	(\$)
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,520
099	8,800	099	8,800
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	400	216	200
117	920	217	460
118	1,440	218	720
128	1,960	228	980
119	320	219	160
120	320	220	160
121	280	221	140
138	1,510	138	1,510
140	110	240	55
141	1,280	241	640
142	1,280	242	640
143	460	243	230
144	620	244	310
122	130	122	130
123	50	123	50
126	180	126	180
581	40	581	40
146	740	246	370
148	110	248	55
149	740	249	370
179	740	279	370
169	900	169	900
195	300	195	300
196	300	196	300
194	130	194	130
098	130	098	130
091	1,280	091	1,280
Acceptance of unintentionally delayed claim for priority			

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$0**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**

Typed or Printed Name: Peter Lam

Signature: \_\_\_\_\_ Date: December 31, 2001

Reg. Number: 44,855 Telephone Number: (408) 720-8300

**EXPRESS MAIL CERTIFICATE OF MAILING**

"Express Mail" mailing label number: EL821772404US

Date of Deposit: December 31, 2001

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.

RAQUEL TORRES

Name of Person Mailing Paper or Fee

December 31, 2001

Signature of Person Mailing Paper or Fee

Date Signed

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 110.00)

## Complete if Known

Application Number	10/039,612
Filing Date	December 31, 2001
First Named Inventor	Howard S. David
Examiner Name	Zhuo H. Li
Art Unit	2186
Attorney Docket No.	42390.P13874

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

 Deposit Account:

Deposit Account Number 02-2666  
Deposit Account Name Blakely, Sokoloff, Taylor & Zafman LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 285	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			110.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
12	3		-15* = 0	x 18 = 0	= 0
			-3** = 0	x 86 = 0	= 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$ 0.00)		

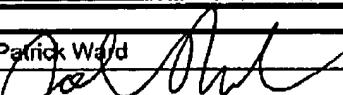
\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	110.00
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to Institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(e))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3) (\$ 110.00)			

(Complete if applicable)

Name (Print/Type)	John Patrick Ward	Registration No. (Attorney/Agent)	40,216	Telephone	408-720-8300
Signature				Date	December 31, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.